



GE Taut Wire Control

A complete revamp of the control system offering improved flexibility and maintainability. Cost effective & easy-to-use solution from GE to help maximize equipment lifetime.

SIMPLIFY OPERATIONS & MANAGE HARDWARE OBSOLESCENCE

GE has a large installed base of legacy Taut wire systems in offshore DP operating vessels. The latest GE Taut Wire control system is designed to simplify the operations of the Taut Wire and manage the hardware obsolescence.

LEGACY UPGRADES

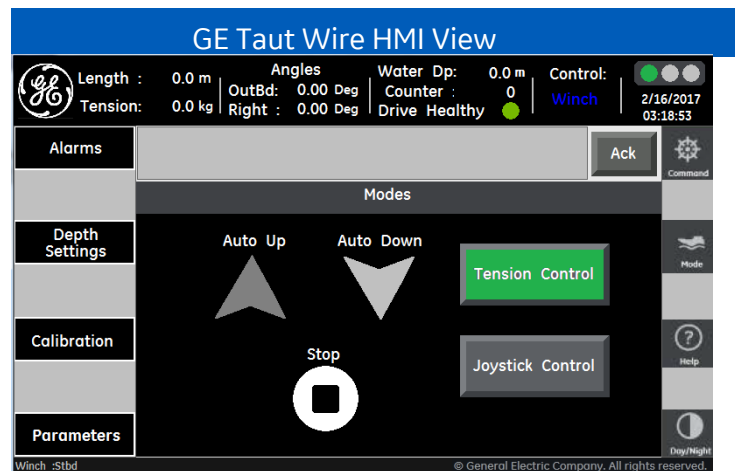
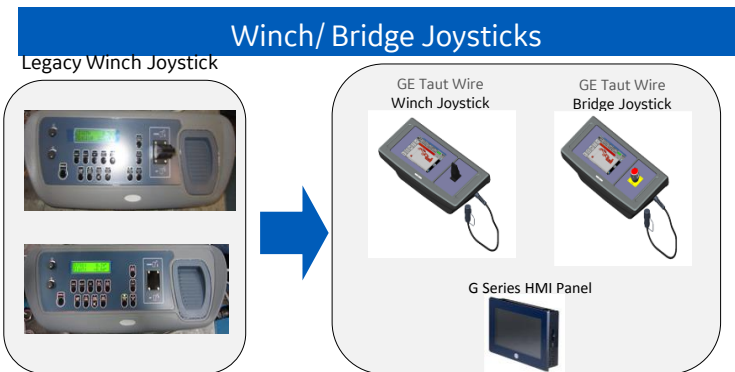
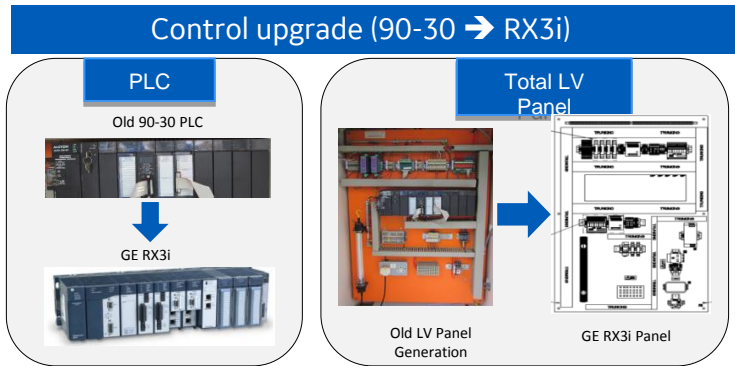
This offering is intended for the upgrade of Legacy Alstom/Converteam supplied Taut Wire systems.

BENEFITS

- Enhanced fault detection and alarm Monitoring.
- Single Page view of all operational parameters.
- Improved Help menu for operator assistance.
- Improve reliability and serviceability
- Reduce risk of unplanned outages
- Ensure longevity of product life.
- Improve productivity
- Touch Screen to simplify operations.

FEATURES

- GE RX3i architecture replaces the legacy GE Fanuc 90-30.
- New fixed Joystick Panel replaces the old A series Winch panel .
- Portable Joystick Panel replaces the legacy A series Bridge panel.
- New Fixed Joystick Panel for the Bridge.
- Updated backplane for the LV Panel.





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SCOPE OF SUPPLY

LV Panel Upgrade kit

- Location-Electrical Control Cabinet of Taut Wire.
- Complete backplane with new control wirings and power supply components.
- GE RXi 3i controller complete with System Functional Software.
- Analogue and digital interface MAE cards.
- Interfaces to DP System- NMEA 0183 Serial link RS485 (no change in plant wiring).
- Modbus RTU Serial- Analogue signals.
- Cabinet is IP56 Rating 1000mm(H) x 700mm(W) 105 Kg.
- Mounted on existing electrical cabinet.

Winch Control Panel

- Marineised Demountable Winch Control Station .
- IP56 ,Weight 6Kg, 24V dc Supply.
- Monitors performance.
- Day/Night mode, Audible Annunciator.
- Joystick provides proportional control to the square of the joystick displacement from the centre zero position.
- 7" touch screen display, Single axis joystick lever.

Bridge Portable/Fixed Control Panel

- Marineised Demountable Bridge Control Station .
- Weight 6Kg.
- 24V dc Supply.
- Monitors performance.
- Day/Night mode, Audible Annunciator, 7" touch screen display.
- Docking station.

Optional Emergency Control Box

- Enclosure complete with mounting plate and mounting ears.
- DOL (Direct-on-line) starter facility to raise/lower sinker weight.
- Raise/lower button for manual operation of DOL starter.
- IP 66 rating.